AD620-3

REPORT

NMTBA
The Association For Manufacturing Technology

Direct Dial: (703)827-5260

STATISTICAL

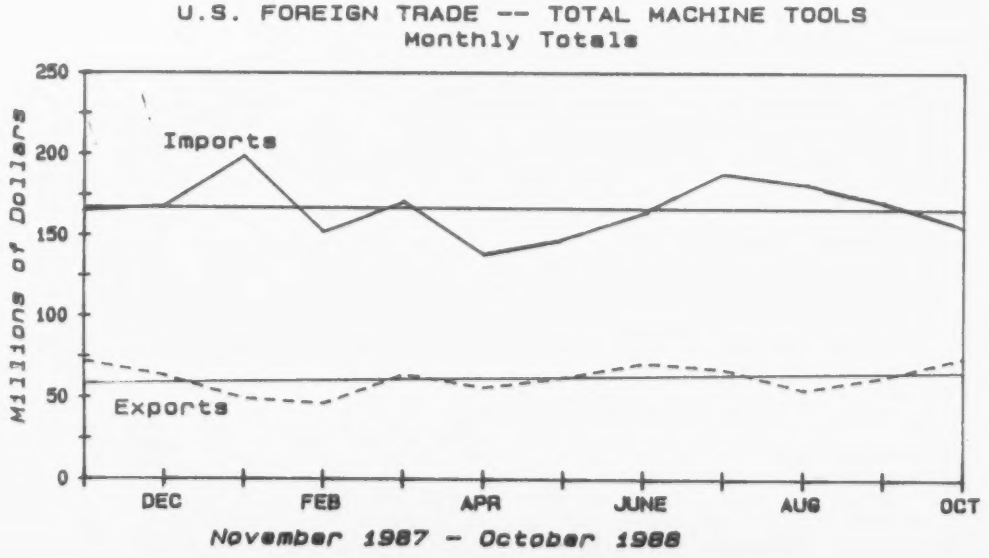
No. 18-89 February 10, 1989

U.S. FOREIGN TRADE IN MACHINE TOOLS - OCTOBER 1988

U.S. machine tool exports in October increased 19% over September to $74.9 million. Imports for the month amounted to $155.0 million, down 8% from the September total. For the first ten months of 1988, machine tool exports increased 17% to $611.4 million, while year-to-date imports decreased 1% compared with 1987 figures. The U.S. machine tool trade deficit for January through October 1988 improved by 9% from the same time period in 1987.

U.S. Machine Tool Trade
($Millions)

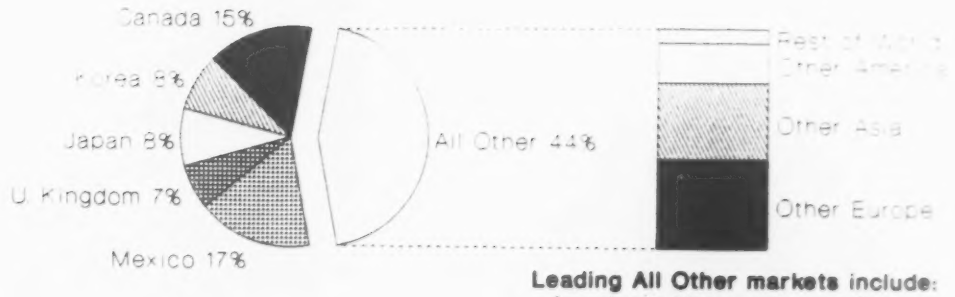
	October 1988			Ten Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 53.0	$113.6	($ 60.6)	$350.3	$1,255.2	($ 904.9)
Metal Forming	$ 21.9	$ 41.4	($ 19.5)	$261.1	$ 409.7	($ 148.6)
Total	$ 74.9	$155.0	($ 80.1)	$611.4	$1,664.9	($1,053.5)



7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353819 / FAX (703)893-1151

Year-to-date U.S. exports of both metal cutting and metal forming machine tools increased versus 1987 totals, by 13% and 23% respectively. Compared with September, metal cutting machine tool exports increased 63% in October, while metal forming exports declined by 29%. For the first ten months of 1988, the leading export markets were (in millions): Mexico ($102.8), Canada ($94.4), Japan ($51.6), the Republic of Korea ($51.6) and the United Kingdom ($40.0).

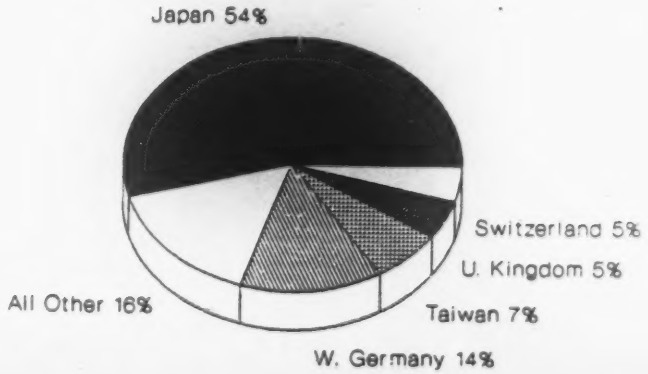
LEADING U.S. EXPORT MARKETS
January - October 1988
(% Based on U. S. Dollar Values)



Leading All Other markets include:
America - Venezuela and Brazil
Asia - China and Taiwan
Europe - W. Germany and France

U.S. imports of metal forming machines fell 34% during October, while metal cutting imports increased 6% from their September level. For the ten months through October, metal forming imports were down 12%, and metal cutting imports were up 3% compared with 1987. The leading exporters to the United States during January through October 1988 were (in millions): Japan ($905.0), West Germany ($226.9), Taiwan ($113.6), the United Kingdom ($80.7) and Switzerland ($75.6).

MAJOR U.S. IMPORT SOURCES
January - October 1988
(% Based on U.S. Dollar Values)



U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

RELEASED FEBRUARY 10, 1989

		TOTAL YTD		TOTAL MO	
674	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	80	7886	3	852
3045	Gear Cutting Machines, N.E.C.	55	13172	8	1434
3204	Vertical Mach. Ctrs., ATC, NC, Y-Axis Travel 26" or Less	87	6832	5	687
3206	Vertical Mach. Ctrs., ATC, NC, Y-Axis Travel Over 26"	10	2533	0	0
3209	Horizontal Machining Centers, ATC, NC	31	7062	3	1709
3211	Machining Centers, NC, N.E.C.	84	6530	9	834
3216	Single Station and Multi-Station Transfer Machines	19	11053	1	204
3225	Way Type Machines (Unit Heads)	11	1031	4	294
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	692	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	1803	1	865
3247	Vertical Boring-Drilling-Milling Machines, NC	10	1524	1	75
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	6	753	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	34	2101	3	86
3254	Drilling Machines, NC	41	3459	3	110
3255	Drilling Machines, Multi-Spindle, Non-NC	23	1758	2	88
3256	Drilling Machines, Radial, Non-NC	17	623	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	11	279	1	3
3258	Drilling Machines, Non-NC, N.E.C.	120	2987	31	592
3264	Milling Machines, NC	15	4303	1	280
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	41	6207	10	1412
3267	Milling Machines, Knee Type, Non-NC	3	139	0	0
3268	Milling Machines, Bed Type, Non-NC	12	1068	1	48
3269	Milling Machines, Non-NC, N.E.C.	147	8316	14	882
3276	Vertical Boring Machines, Incl. VTLs, NC	3	1318	1	478
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	80	4009	17	303
3281	Boring Machines, NC, N.E.C.	5	323	0	0
3283	Boring Machines, Non-NC, N.E.C.	91	4287	7	425
3503	Horizontal Lathes, Multi-Spindle, NC	41	9552	3	655
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	118	8973	15	1247
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	22	3503	2	295
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	7	2144	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	80	2748	5	189
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	20	2148	1	29
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	9	725	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	30	737	2	9
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	38	1488	2	87
3518	Horizontal Lathes, Non-NC, N.E.C.	316	7122	48	702
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	438	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	14	781	0	0
3525	Vertical Lathes, Excl. VTLs, Non-NC	93	5192	6	198
3528	Grinding, Polishing, Honing & Lapping Machines, NC	219	35115	27	3586
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	43	1760	4	403
3531	Tool & Cutter Grinding Machines, Non-NC	348	5831	36	1017
3532	Honing & Lapping Machines, Non-NC	487	5901	46	509
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	138	2234	8	130
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	303	30037	49	14581
3541	External Grinding Machines, Non-NC	19	3525	5	1278
3542	Internal Grinding Machines, Non-NC	43	6006	16	597
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	271	9706	105	1520
3546	Grinding Machines, Non-NC, N.E.C.	266	11117	37	2789
3547	Traveling Wire Electrical Discharge Machines	31	1317	27	1100
3549	All Other Electrical Discharge Machines	204	2754	16	704
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	12	618	2	114
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	80	3197	2	185
3559	Metal Cutting Machine Tools, NC, N.E.C.	108	5711	7	709
3565	Sawing & Cut Off Machines, Non-NC	531	8029	54	671
3566	Broaching Machines, Non-NC	21	2882	10	973
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	233	5557	29	209
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	5870	48129	970	5453
5000	Metal Cutting Machine Tools, Less Than $2500**	24603	13370	2531	1439
	TOTAL CUTTING			4191	53027
	TOTAL CUTTING YTD	35664	350330		
674	METAL FORMING				
1011	Die Casting Machines & Parts	0	16789	0	1624
3568	Metal Forming Machine Tools, Used Or Rebuilt	926	13445	89	1392
3569	Metal Forming Machine Tools, Less Than $2500	5312	3341	473	297
3571	Punching & Shearing Machines, Incl. Combination, NC	85	13674	10	883
3573	Shearing Machines, Non-NC	107	3267	5	346
3575	Punching & Combination Punching & Shearing Machines, Non-NC	848	19685	107	2041
3578	Bending, Folding, Straightening & Flattening Machines, NC	117	5838	22	1512
3582	Press Brakes, Non-NC	85	3942	2	207
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	15	1369	3	126
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	815	27932	58	1505
3588	Mechanical Presses	235	22440	14	946
3589	Hydraulic Presses, Vertical, Single Action	100	4962	9	511
3590	Hydraulic & Pneumatic Presses	1029	48364	118	5493
3594	Headers & Upsetters, Non-NC	84	18125	15	2241
3595	Forging Machines, Non-NC, N.E.C.	155	3345	26	415
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	1117	54647	86	2167
	TOTAL FORMING			1037	21910
	TOTAL FORMING YTD	11030	261146		
	TOTAL ALL TYPES			5228	74937
	TOTAL ALL TYPES YTD	46694	611476		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.
**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	115	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	1	130
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	3	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	168	0	0	0	0	0	0
3507	0	0	0	0	0	0	1	130	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	2	180	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	11	82	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	1	48
3542	0	0	0	0	0	0	6	232	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	4	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	2	114	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	4	92	0	0
3565	2	6	0	0	0	0	0	0	1	40
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	12	1	27
4000	0	0	39	64	0	0	6	31	0	0
5000	0	0	146	95	0	0	27	20	6	4
CUT MO	3	10	190	622	0	0	59	716	10	249
CUT YTD	88	804	394	4800	8	408	461	7308	33	1273
1011	0	12	0	0	0	0	0	381	0	0
3568	0	0	0	0	0	0	5	105	0	0
3569	0	0	0	0	57	48	49	10	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	3	38	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	3	58	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	4	117	0	0	0	0	0	0	1	202
3590	0	0	0	0	1	12	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	20	0	0	6	134	0	0
FRM MO	4	129	1	20	58	60	66	726	1	202
FRM YTD	31	401	156	1212	69	277	514	7932	18	705
101 MO	7	139	191	642	58	60	125	1442	11	451
101 YTD	119	1205	550	6012	77	685	975	15240	51	1978

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674.	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	2	795	0	0	0	0	0	0	0	0
3045	1	392	1	51	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	2	88	0	0	0	0	0	0	0	0
3264	1	280	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	83	0	0	0	0	0	0	0	0
3528	9	580	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	3	0	0
3532	0	0	0	0	2	29	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	4	69	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	2	606	0	0	0	0	0	0	0	0
3565	3	19	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	54	438	0	0	0	0	4	44	0	0
5000	5	3	33	26	0	0	59	37	0	0
CUT MO	84	3353	34	77	2	29	64	84	0	0
CUT YTD	669	9942	337	2520	6	50	335	1813	188	2039
1011	0	3	0	9	0	0	0	7	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	169	0	0	0	0	0	0
3578	0	0	0	0	0	0	1	42	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	162	0	0	0	0	7	181	1	6
3588	1	350	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	2	32	0	0	0	0	0	0	0	0
3594	3	97	1	25	0	0	0	0	0	0
3595	0	0	1	7	0	0	0	0	0	0
3598	0	0	0	0	0	0	2	94	0	0
FRM MO	7	644	3	210	0	0	10	324	1	6
FRM YTD	115	6540	155	3225	1	50	89	5036	82	1160
TOT MO	91	3997	37	287	2	29	74	408	1	6
TOT YTD	784	16482	492	5745	7	100	424	6849	270	3199

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

674:	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	3	208	0	0	3	239	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	2	146	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	1	414	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	4	280	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	6	314	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	3	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	4	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	3	33	1	14	0	0	3	41	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	24	0	0	0	0	0	0
3528	0	0	1	182	0	0	1	290	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	16	0	0	4	69	0	0
3532	0	0	3	12	0	0	13	123	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	10	365	0	0
3544	0	0	16	185	0	0	1	14	0	0
3546	0	0	2	29	0	0	1	6	0	0
3547	0	0	23	926	0	0	0	0	0	0
3549	0	0	3	6	0	0	3	4	1	106
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	20	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	12	213	0	0	7	13	0	0
5000	32	21	128	106	0	0	149	83	0	0
CUT MO.	35	54	208	2936	0	0	198	1413	1	106
CUT YTD	252	2269	2431	24848	71	1155	1317	13956	3	191
1011	0	4	0	94	0	0	0	184	0	0
3568	0	0	0	0	0	0	23	451	0	0
3569	0	0	0	0	0	0	18	10	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	9	285	0	0	5	96	0	0
3578	0	0	0	0	0	0	13	431	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	3	30	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	17	2569	0	0	2	202	0	0
3594	1	58	0	0	0	0	1	480	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	8	2	7	0	0	4	27	0	0
FRM MO	3	70	31	2985	0	0	96	1881	0	0
FRM YTD	48	1540	420	15146	2	52	1221	20014	5	835
TOT MO	38	124	239	5921	0	0	294	3294	1	106
TOT YTD	300	3809	2851	39994	73	1207	2538	33970	8	1026

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

	OTH	EUROPE	CANADA		MEXICO		OTH N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	1	57	0	0	0	0
3045	0	0	0	0	2	333	0	0	0	0
3204	0	0	2	145	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	1	36	2	128	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	75	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	23	1	18	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	1	40	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	1	3	0	0	0	0
3258	0	0	0	0	4	19	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	1	48	0	0	0	0
3269	0	0	2	126	12	756	0	0	0	0
3276	0	0	1	478	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	1	11	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	1	60	1	86	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	1	7	0	0	0	0
3511	0	0	0	0	1	29	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	2	26	26	195	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	2	24	0	0	0	0
3528	0	0	0	0	2	1160	0	0	0	0
3529	0	0	1	270	0	0	0	0	0	0
3531	0	0	8	80	10	59	0	0	3	195
3532	0	0	2	32	3	20	0	0	1	10
3533	0	0	1	6	0	0	0	0	0	0
3538	0	0	2	22	29	13797	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	4	34	0	0	0	0
3546	0	0	4	215	23	2009	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	5	42	1	5	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	11	73	17	218	0	0	1	18
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	12	11	87	0	0	0	0
4000	1	79	31	599	539	2067	40	103	0	0
5000	144	84	672	251	374	253	15	5	0	0
CUT MO	145	163	751	2611	1069	21423	55	108	5	223
CUT YTD	458	9744	10542	53556	6401	73462	425	1363	132	1349
1011	0	4	0	226	0	222	0	19	0	0
3568	0	0	2	4	31	235	0	0	0	0
3569	0	0	135	70	103	95	0	0	0	0
3571	0	0	2	310	0	0	0	0	0	0
3573	0	0	5	346	0	0	0	0	0	0
3575	0	0	9	97	7	43	0	0	1	3
3578	0	0	1	155	1	30	0	0	0	0
3582	0	0	1	142	0	0	0	0	0	0
3583	0	0	2	17	0	0	1	109	0	0
3584	4	107	4	144	18	526	0	0	0	0
3588	0	0	2	92	4	162	0	0	0	0
3589	0	0	1	108	3	84	0	0	0	0
3590	0	0	3	40	76	880	0	0	4	77
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	17	325	1	5	0	0	0	0
3598	0	0	4	81	20	584	1	8	0	0
FRM MO	4	111	188	2157	264	2866	2	136	5	80
FRM YTD	111	2374	3038	40877	2140	29375	145	1296	51	2340
TOT MO	149	274	939	4768	1333	24289	57	244	10	303
TOT YTD	569	12118	13580	94433	8541	102837	570	2659	183	3689

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

674:	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	1	92	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	2	462
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	2	1312
3211	0	0	0	0	0	0	0	0	1	313
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	5	20	273	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	2	99	0	0	0	0	0	0	0	0
3531	0	0	0	0	1	4	0	0	0	0
3532	0	0	0	0	4	27	1	11	1	9
3533	0	0	0	0	0	0	0	0	0	0
3538	1	19	0	0	0	0	0	0	4	390
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	22
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	500	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	83	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	12	65	0	0	0	0	0	0
4000	7	30	1	30	2	230	62	328	24	181
5000	15	18	23	20	34	65	4	4	0	0
CUT MO.	27	758	36	115	43	414	87	616	35	2689
CUT YTD	201	5527	220	2494	2932	12136	316	2093	395	19430
1011	0	5	0	5	0	183	0	0	0	0
3568	0	0	0	0	0	0	2	13	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	1	292	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	6	854
3582	0	0	0	0	0	0	1	65	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	6	0	0	3	70	1	34	4	35
3588	0	0	0	0	0	0	0	0	2	56
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	4	1381	0	0	0	0
3594	1	157	0	0	0	0	0	0	0	0
3595	6	62	0	0	0	0	0	0	1	16
3598	1	10	2	29	2	17	1	18	0	0
FRM MO	10	532	2	34	9	1651	5	130	13	961
FRM YTD	76	9439	107	1597	230	8136	53	1366	130	7429
TOT MO	37	1290	38	149	52	2065	92	746	48	1650
TOT YTD	277	14966	327	4091	3162	20272	369	3459	525	26859

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	396
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	1	36
3216	0	0	0	0	0	0	0	0	1	204
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	1	45
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	1	58
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	5	619
3507	0	0	0	0	0	0	0	0	1	165
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	1	25	1	37
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	4	46
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	1	96	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	1	34
3531	0	0	0	0	0	0	0	0	2	108
3532	0	0	1	134	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	2	26
3538	4	22	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	1	587
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	10	120
3546	0	0	0	0	0	0	0	0	2	272
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	1	11	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	7	119
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	4	0	0	82	15	11	26	2	5
5000	10	16	0	0	0	0	10	6	95	38
CUT MO.	17	53	2	230	82	15	22	57	138	2915
CUT YTD	270	2091	215	6057	112	337	168	3642	1505	21454
1011	0	0	0	41	0	0	0	0	0	195
3568	0	0	0	0	1	95	0	0	0	0
3569	2	4	4	4	0	0	10	5	17	15
3571	0	0	1	30	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	45	766
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	18	0	0	0	0	0	0	2	46
3588	1	165	0	0	0	0	0	0	3	86
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	4	76
3594	0	0	0	0	0	0	0	0	5	796
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	11	0	0	4	108
FRM MO.	4	187	5	75	2	106	10	5	80	2088
FRM YTD	163	3823	62	2073	9	491	27	2155	526	30165
TOT MO.	21	240	7	305	84	121	32	62	218	5003
TOT YTD	433	5914	277	8130	121	828	195	5797	2031	51619

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	1	80	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	1	38	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	1	865
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	64	0	0
3255	0	0	0	0	0	0	0	0	1	48
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	9	998	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	16	284	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	16	0	0	0	0	0	0	0	0
3503	2	458	0	0	0	0	0	0	1	197
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	2	87	0	0	0	0	0	0	0	0
3518	5	180	0	0	2	7	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	21	0	0	0	0	0	0	0	0
3528	3	920	0	0	0	0	1	38	9	320
3529	0	0	0	0	0	0	0	0	0	0
3531	2	466	0	0	0	0	0	0	0	0
3532	3	14	0	0	0	0	0	0	0	0
3533	4	49	0	0	0	0	1	49	0	0
3538	2	129	1	13	0	0	2	120	0	0
3541	1	325	0	0	0	0	0	0	2	318
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	100	72	1045
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	4	174	0	0	0	0	0	0
3549	1	37	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	2	185	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	10	1	13	0	0	0	0	0	0
3566	10	973	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	14	232	0	0	0	0	2	57	0	0
5000	71	46	0	0	20	20	68	60	9	5
CUT MO	135	5206	6	200	22	27	94	810	95	2798
CUT YTD	851	32486	82	1381	245	581	1106	5549	765	10359
1011	0	0	0	0	0	0	0	0	0	0
3568	24	478	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	1	124
3573	0	0	0	0	0	0	0	0	0	0
3575	7	82	0	0	0	0	2	15	3	27
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	38	0	0	0	0	0	0	0	0
3588	0	0	0	0	1	35	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	1	10	1	150
3594	3	628	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	12	192	0	0	7	257	0	0	1	25
FRM MO	47	1418	0	0	8	292	3	25	6	326
FRM YTD	313	19078	8	324	35	1142	145	1705	101	9096
TOT MO	182	6624	6	200	30	319	97	835	101	3124
TOT YTD	1164	51564	90	1705	280	1723	1251	7254	866	19455

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

674:	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	55	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	1	397	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	1	46	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	19	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	117	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	1	46	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	3	17	0	0	0	0
3532	0	0	0	0	1	6	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	4	164	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	7	40	1	12	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	2	6	0	0	0	0
4000	0	0	14	240	12	329	2	95	0	0
5000	0	0	339	124	25	15	2	3	0	0
CUT MO	2	443	360	719	51	459	5	110	0	0
CUT YTD	51	3261	641	2549	418	3080	104	288	3	6
1011	0	0	0	13	0	14	0	3	0	0
3568	0	0	1	11	0	0	0	0	0	0
3569	0	0	0	0	40	34	0	0	0	0
3571	0	0	0	0	5	127	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	13	385	2	35	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	3	29	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	2	15	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	2	461	0	0	0	0
FRM MO	0	0	17	438	51	686	0	3	0	0
FRM YTD	22	2174	299	9393	246	7116	18	1895	0	3
TOT MO	2	443	377	1157	102	1145	5	113	0	0
TOT YTD	73	5435	940	11942	664	10196	122	2183	3	9

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1988

	EGYPT		REP S. AFR		OTH. AFRICA	
674	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	1	118
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	1	5	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	1	94
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	16	11	0	0
CUT MO	0	0	17	18	2	212
CUT YTD	39	252	450	2088	24	404
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	8	2	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	1	15	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	1	49	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	11	276
FRM MO	1	15	9	51	11	276
FRM YTD	3	144	26	260	20	1774
TOT MO	1	15	26	67	13	488
TOT YTD	42	396	476	2348	44	2178

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
OCTOBER 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	1	24	1	24
GIBRALTAR	0	0	0	0	0	0
GREECE	1	79	0	0	1	79
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	144	84	1	38	145	122
PORTUGAL	0	0	2	49	2	49
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	145	163	4	111	149	274
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	2	16	0	0	2	16
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	43	75	0	0	43	75
DOMINICAN REP.	1	3	1	10	2	13
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	1	2	0	13	1	15
HAITI	0	0	0	0	0	0
HONDURAS	8	12	0	0	8	12
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	4	0	4
SALVADOR	0	0	1	109	1	109
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	55	108	2	136	57	244
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	13	201	2	99	15	300
ECUADOR	0	0	2	13	2	13
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	72	402	1	18	73	420
SURINAM	0	0	0	0	0	0
URAGUAY	2	13	0	0	2	13
OTHER S. AM.	0	0	0	0	0	0
TOTAL	87	616	5	130	92	746
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
OCTOBER 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	12	8	0	0	12	8
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	1	19	0	0	1	19
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	24	158	8	261	32	419
NEPAL	0	0	0	0	0	0
OMAN	8	5	0	0	8	5
PHILIPPINES	311	365	0	2	311	367
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	4	164	9	175	13	339
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	360	719	17	438	377	1157
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	118	0	0	1	118
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	1	94	0	0	1	94
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	11	276	11	276
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	2	212	11	276	13	488

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1988

RELEASED: FEBRUARY 10, 1989

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	63	9045	2	457
3035	Gear Shapers	12	3006	1	291
3045	Gear Cutting Machines, N.E.C.	36	1398	2	61
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1437	112317	143	11043
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	85	9219	1	242
3409	Horizontal Machining Centers, ATC, NC	589	93886	44	8083
3411	Machining Centers, NC, N.E.C.	260	48480	14	1201
3412	Single Station and Multi-Station Transfer Machines	173	61104	4	602
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	1149	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	39	7134	3	2480
3419	Vertical Boring-Drilling-Milling Machines, NC	106	10789	7	414
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	11	1559	0	0
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	159	5159	7	316
3428	Drilling Machines, NC	221	8993	17	1163
3429	Drilling Machines, Multi-Spindle, Non-NC	69	1054	4	35
3434	Drilling Machines, Radial, Non-NC	129	827	16	137
3436	Drilling Machines, Upright, Single Spindle, Non-NC	121	1253	6	242
3442	Drilling Machines, Non-NC, N.E.C.	468	14034	26	801
3464	Milling Machines, NC	329	26861	54	2127
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	28	1231	0	0
3467	Milling Machines, Knee Type, Non-NC	2514	15023	309	1538
3468	Milling Machines, Bed Type, Non-NC	304	10485	26	207
3469	Milling Machines, Non-NC, N.E.C.	2031	32498	154	3212
3476	Vertical Boring Machines, Incl. VTL's, NC	8	1591	0	0
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	34	1262	0	0
3481	Boring Machines, NC, N.E.C.	10	2350	0	0
3483	Boring Machines, Non-NC N.E.C.	309	7384	7	192
3504	Horizontal Lathes, Multi-Spindle, NC	131	15198	27	2498
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2898	176434	341	17727
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	390	48443	50	5759
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	51	3700	6	287
3512	Horizontal Engine & Toolroom Lathes, Non-NC	2688	24403	421	3033
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	33	799	0	0
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	13	1213	1	68
3515	Automatic Bar Machines, Single Spindle, Non-NC	117	3384	5	52
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	41	1843	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	208	4119	21	143
3505	Vertical Lathes, Multi-Spindle, NC	58	8147	3	254
3519	Vertical Lathes, NSPF, NC	131	12093	8	586
3522	Vertical Lathes, Excl. VTL's, Non-NC	910	18904	46	1808
3527	Gear Tooth Grinding & Finishing Machines	458	22265	18	1166
3528	Tool & Cutter Grinding Machines, NC	86	6788	11	1537
3529	Tool & Cutter Grinding Machines, Non-NC	944	27862	98	1973
3533	Honing & Lapping Machines	273	14580	16	137
3539	Grinding Machines, Flat Surface, NC	49	5636	3	859
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	638	10057	109	1658
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1812	20315	101	1116
3546	Grinding & Polishing Machines, NC, N.E.C.	160	22161	11	2257
3554	External Grinding Machines, Non-NC	285	10796	19	1088
3556	Internal Grinding Machines, Non-NC	42	4172	3	502
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	144	5481	12	508
3559	Grinding Machines, Non-NC, N.E.C.	1125	33898	145	5040
3562	Traveling Wire Electrical Discharge Machines	697	52349	61	5224
3564	All Other Electrical Discharge Machines	286	12820	24	722
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	90	11911	8	1193
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	664	9163	91	2160
3576	Metal Cutting Machines Tools, NC, N.E.C.	222	15187	24	1238
3577	Sawing & Cut-Off Machines, Non-NC	1517	20281	203	2073
3578	Broaching Machines, Non-NC	115	2182	2	224
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1338	36231	97	2245
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1505	17329	120	2580
5000	Metal Cutting Machine Tools, Less Than $2500**	847175	86432	129409	10999
	TOTAL CUTTING			132361	113551
	TOTAL CUTTING YTD	876844	1255157		
674:	METAL FORMING				
1010	Die Casting Machines	378	36073	50	9946
3582	Metal Forming Machine Tools, Used or Rebuilt	453	4488	44	371
3583	Metal Forming Machine Tools, Less Than $2500	25351	9263	1761	708
3584	Punching and Shearing Machines, Incl. Combination, NC	224	25737	17	2011
3586	Shearing Machines, Non-NC	511	9084	31	477
3587	Punching & Combination Punching & Shearing Machines, Non-NC	441	10139	49	1168
3588	Bending, Folding, Straightening & Flattening Machines, NC	227	15698	16	1181
3589	Press Brakes, Non-NC	454	13119	28	779
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	87	1434	7	93
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	974	31230	66	2599
3593	Metal Forming Machine Tools, NC, N.E.C.	149	28045	4	82
3594	Mechanical Presses, Non-NC	360	47178	27	2086
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	60	19347	2	8061
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	846	76976	73	6289
3597	Headers & Upsetters, Non-NC	86	7637	6	365
3598	Forging Machines, Non-NC, N.E.C.	96	14089	4	207
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	2227	60121	126	4994
	TOTAL FORMING			2511	41415
	TOTAL FORMING YTD	32924	409660		
	TOTAL ALL TYPES			134872	154966
	TOTAL ALL TYPES YTD	909768	1664817		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	2	59	0	0	0	0
3328	0	0	0	0	0	0	0	0	3	560
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	2	22
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	33	231	0	0	0	0	0	0	2	440
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	1	33
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	21
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	16	385	0	0	0	0	0	0	3	699
3527	0	0	1	248	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	1	14	0	0	3	16
3533	0	0	0	0	1	18	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	4	65	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	2	494
3558	0	0	0	0	0	0	0	0	3	104
3559	1	26	0	0	29	174	18	230	20	338
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	2	143	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	1	55	0	0
4000	0	0	1	157	1	5	3	14	0	0
5000	4	6	0	0	34	53	160	150	3163	321
CUT MO	58	713	2	405	68	323	184	592	3203	3048
CUT YTD	9590	7364	278	1675	485	1466	3593	8698	9961	35742
1010	0	0	0	0	0	0	0	0	0	0
3582	1	9	0	0	0	0	1	5	1	7
3583	0	0	0	0	1	2	40	44	28	31
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	16	250	0	0	0	0	2	18
3587	0	0	0	0	0	0	0	0	4	40
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	6	222	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	1	4	0	0	0	0	2	128
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	3	15	1	39
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	125	0	0	1	30
3599	0	0	0	0	0	0	0	0	16	291
FRM MO	1	9	23	476	2	127	44	64	55	584
FRM YTD	104	331	991	12158	66	1378	1029	4098	2002	25804
TOT MO	59	722	25	881	70	450	228	656	3258	3632
TOT YTD	9694	7695	1269	13833	551	2844	4622	12796	11963	61546

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1988

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	4	602
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	1	13	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	7	45	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	1	147	0	0
3464	0	0	0	0	4	82	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	58	375	0	0	0	0
3468	0	0	0	0	4	87	0	0	0	0
3469	0	0	0	0	15	138	0	0	6	161
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	1	144	0	0	0	0
3510	0	0	0	0	0	0	1	14	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	54
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	1	5
3527	0	0	0	0	0	0	0	0	4	348
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	6	38
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	1	200
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	1	550	0	0	1	222
3554	0	0	0	0	0	0	0	0	8	816
3556	0	0	0	0	0	0	0	0	0	0
3558	7	113	0	0	0	0	0	0	2	291
3559	0	0	0	0	3	235	20	54	17	201
3562	0	0	0	0	0	0	0	0	15	1610
3564	0	0	0	0	0	0	0	0	4	345
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	1	83	1	5	0	0
3576	0	0	0	0	0	0	0	0	1	12
3577	9	77	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	2	35	4	103
4000	1	5	0	0	0	0	2	26	8	46
5000	65	97	8	18	197	12	220	252	58	33
CUT MO.	82	292	15	63	285	1719	247	533	141	5087
CUT YTD	4743	5346	50	188	3806	15459	1676	7752	4631	59470
1010	1	36	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	2	10
3583	0	0	0	0	12	12	0	0	137	8
3584	0	0	0	0	0	0	0	0	1	43
3586	0	0	0	0	0	0	0	0	0	0
3587	0	0	0	0	18	185	0	0	1	60
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	6
3591	0	0	0	0	0	0	7	93	0	0
3592	27	969	0	0	0	0	3	73	0	0
3593	0	0	0	0	0	0	1	16	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	1	4	0	0
3599	3	60	0	0	2	6	6	159	7	261
PRM MO	31	1065	0	0	32	203	18	345	188	382
PRM YTD	317	3955	53	544	625	4772	671	9722	1432	16119
TOT MO	113	1357	15	63	317	1922	265	878	289	5469
TOT YTD	5060	9301	103	732	4431	18231	2347	17474	6063	75589

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1988

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	2	457	0	0	0	0	0	0
3035	0	0	1	291	0	0	0	0	0	0
3045	1	50	1	11	0	0	0	0	0	0
3404	28	1978	1	193	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	4	580	0	0	0	0	0	0
3411	5	405	3	332	0	0	2	88	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	1	2101	0	0	0	0	1	200
3419	0	0	2	230	0	0	1	40	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	2	203	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	3	17	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	2	16
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	4	453	0	0	1	14	0	0
3464	26	879	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	40	161	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	21	99	13	295	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	83	0	0	0	0	5	76	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	28	838	1	208	0	0	0	0	53	320
3508	0	0	1	129	0	0	0	0	5	31
3510	0	0	4	202	0	0	0	0	0	0
3512	62	598	0	0	0	0	0	0	85	516
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	19	68
3505	0	0	1	22	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	11	164	0	0	0	0	2	57	0	0
3527	0	0	1	470	0	0	0	0	0	0
3528	1	18	1	135	0	0	0	0	0	0
3529	17	168	45	1344	0	0	8	116	0	0
3533	4	73	0	0	0	0	0	0	0	0
3539	0	0	2	659	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	5	136	0	0	11	58	2	200
3546	0	0	1	439	0	0	0	0	0	0
3554	1	28	4	92	0	0	0	0	0	0
3556	0	0	1	8	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	3	16	5	48	0	0	2	12	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	3	182	0	0	0	0	0	0
3567	1	32	0	0	0	0	0	0	0	0
3571	8	951	0	0	0	0	2	13	0	0
3576	4	160	9	596	0	0	0	0	0	0
3577	37	121	34	440	22	63	11	185	0	0
3578	2	224	0	0	0	0	0	0	0	0
3579	16	192	20	242	0	0	9	317	0	0
4000	30	221	3	452	0	0	34	261	0	0
5000	520	174	869	338	23	33	179	163	0	0
CUT MO.	867	7633	1047	11305	45	96	267	1400	167	1351
CUT YTD	9618	67335	13084	184185	331	1552	6615	15773	775	4988
1010	0	0	3	103	0	0	8	362	0	0
3582	7	40	3	143	0	0	15	71	0	0
3583	0	0	73	101	0	0	138	87	0	0
3584	0	0	13	118	0	0	0	0	0	0
3586	2	23	7	142	0	0	1	4	2	10
3587	5	19	0	0	0	0	8	248	0	0
3588	2	344	6	416	0	0	1	21	0	0
3589	0	0	0	0	0	0	9	335	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	1	13	4	423	0	0	3	16	0	0
3593	1	17	0	0	0	0	0	0	0	0
3594	0	0	2	661	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	2	333	0	0	9	77	0	0
3597	0	0	3	72	0	0	1	10	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	15	579	218	1547	0	0	33	899	0	0
NRM MO	33	1035	334	4049	0	0	226	2130	2	10
NRM YTD	856	13390	3926	42493	0	0	1605	33393	37	17177
TOT MO.	900	8668	1381	15354	45	96	493	3530	169	1361
TOT YTD	10474	80725	17010	226878	331	1552	8220	49166	812	22165

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1988

674	CHINA		ISRAEL		JAPAN		KOREAN REP		SINGAPORE	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	88	7827	0	0	10	384
3406	0	0	0	0	1	242	0	0	0	0
3409	0	0	0	0	40	7503	0	0	0	0
3411	0	0	0	0	2	246	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	179	0	0	0	0
3419	0	0	0	0	1	59	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	13	590	0	0	0	0
3329	0	0	0	0	1	18	0	0	0	0
3334	1	6	0	0	1	20	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	4	42	0	0	0	0
3464	0	0	0	0	4	954	0	0	6	171
3466	0	0	0	0	0	0	0	0	0	0
3467	2	38	0	0	0	0	0	0	0	0
3468	20	89	0	0	1	22	0	0	0	0
3469	0	0	0	0	11	484	1	29	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	27	2498	0	0	0	0
3506	0	0	0	0	217	14631	14	716	11	217
3508	0	0	0	0	40	5274	0	0	0	0
3510	0	0	0	0	1	71	0	0	0	0
3512	11	46	0	0	0	0	55	437	27	281
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	1	68	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	2	232	0	0	0	0
3519	0	0	0	0	5	456	1	44	0	0
3522	0	0	0	0	1	96	9	269	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	9	1384	0	0	0	0
3529	0	0	0	0	5	197	0	0	0	0
3533	0	0	0	0	11	46	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	6	499	0	0	85	1091
3543	0	0	0	0	15	187	0	0	0	0
3546	0	0	0	0	8	1046	0	0	0	0
3554	0	0	0	0	2	121	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	3	44	0	0	18	3644	0	0	0	0
3562	0	0	0	0	42	3559	0	0	0	0
3564	0	0	0	0	4	62	0	0	0	0
3567	0	0	0	0	7	1161	0	0	0	0
3571	0	0	0	0	78	1030	0	0	0	0
3576	0	0	0	0	10	470	0	0	0	0
3577	0	0	1	46	39	741	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	44	1289	0	0	0	0
4000	0	0	0	0	24	1239	0	0	0	0
5000	11542	372	69	6	12915	2158	9	9	0	0
CUT MO.	11579	595	70	52	13699	60345	89	1504	139	2144
CUT YTD	43030	5365	377	1940	80751	691539	1656	10733	787	8839
1010	0	0	0	0	3	9425	0	0	0	0
3582	0	0	0	0	13	69	1	17	0	0
3583	0	0	0	0	105	35	34	4	0	0
3584	0	0	0	0	3	1850	0	0	0	0
3586	0	0	0	0	1	30	0	0	0	0
3587	0	0	0	0	8	597	0	0	0	0
3588	1	14	0	0	6	386	0	0	0	0
3589	0	0	0	0	2	59	1	22	10	141
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	2	14	18	940	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	25	1425	0	0	0	0
3595	0	0	0	0	1	8046	0	0	0	0
3596	0	0	0	0	12	5428	0	0	0	0
3597	0	0	0	0	2	283	0	0	0	0
3598	0	0	0	0	1	48	0	0	0	0
3599	0	0	0	0	21	1078	0	0	0	0
FRM MO	1	14	2	14	323	29699	36	43	10	141
FRM YTD	24	181	63	968	7868	213418	104	283	314	1353
TOT MO.	11580	609	72	66	13922	90044	125	1547	149	2285
TOT YTD	43054	5546	440	2908	88619	904957	1760	11016	1101	10192

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1988

674:	TAIWAN		AUSTRALIA		ALL OTHERS	
	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	16	661	0	0	0	0
3406	0	0	0	0	0	0
3409	0	0	0	0	0	0
3411	1	70	0	0	1	60
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	3	85	0	0	0	0
3422	0	0	0	0	0	0
3423	2	42	0	0	1	12
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	5	50	0	0	0	0
3336	4	18	0	0	2	224
3342	14	123	0	0	0	0
3464	14	41	0	0	0	0
3466	0	0	0	0	0	0
3467	209	964	0	0	0	0
3468	1	9	0	0	0	0
3469	47	394	1	900	4	41
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	15	731	0	0	2	66
3508	3	181	0	0	0	0
3510	0	0	0	0	0	0
3512	160	980	0	0	21	175
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	5	52	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	2	86
3522	3	133	0	0	0	0
3527	12	100	0	0	0	0
3528	0	0	0	0	0	0
3529	12	45	0	0	1	35
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	18	68	0	0	0	0
3543	64	470	0	0	0	0
3546	0	0	0	0	0	0
3554	4	31	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	6	18	0	0	0	0
3562	4	55	0	0	0	0
3564	4	46	9	87	0	0
3567	0	0	0	0	0	0
3571	0	0	1	78	0	0
3576	0	0	0	0	0	0
3577	48	257	0	0	0	0
3578	0	0	0	0	0	0
3579	0	0	0	0	1	12
4000	10	33	0	0	3	121
5000	99239	6788	0	0	135	16
CUT MO.	99923	12445	11	1065	173	848
CUT YTD	626758	107870	160	2724	53889	8964
1010	0	0	0	0	35	20
3582	0	0	0	0	0	0
3583	1128	297	0	0	65	87
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	1	4	0	0	4	15
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	0	0	0	0
3592	5	19	0	0	0	0
3593	2	49	0	0	0	0
3594	0	0	0	0	0	0
3595	1	15	0	0	0	0
3596	37	172	0	0	9	225
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	0	0	3	124
FRM MO	1174	556	0	0	116	471
FRM YTD	9970	5731	8	215	859	4175
TOT MO.	101097	13001	11	1065	289	1319
TOT YTD	636728	113601	168	2939	54748	13139

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
OCTOBER 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	6	133	0	0	6	133
EAST GERMANY	4	41	0	0	4	41
FINLAND	1	12	13	181	14	193
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	2	86	0	0	2	86
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	35	20	35	20
POLAND	20	436	0	0	20	436
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	1	35	0	0	1	35
TOTAL	34	743	48	201	82	944
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	1	1	40	84	41	85
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	1	1	40	84	41	85
OTHER SOUTH AMERICA						
ARGENTINA	2	66	1	47	3	113
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	2	66	1	47	3	113
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
OCTOBER 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	0	0	0	0
INDIA	135	27	4	15	139	42
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	1	1	1	1
TOTAL	135	27	5	16	140	43
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	1	11	1	115	2	126
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	21	8	21	8
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	11	22	123	23	134

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.